RPL14 antibody

Catalog No: #39131

Package Size: #39131-1 50ul   #39131-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com
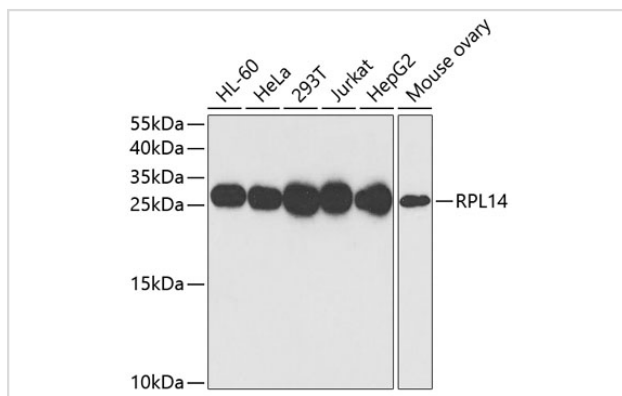
Description

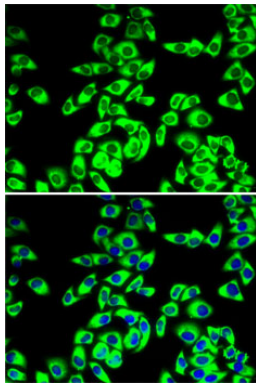|	
Product Name	RPL14 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total RPL14 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human RPL14 (NP_003964.3).
Target Name	RPL14
Other Names	RPL14;CAG-ISL-7;CTG-B33;L14;RL14;hRL14
Accession No.	Uniprot:P50914GeneID:9045
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GeneID	9045
SDS-PAGE MW	26kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB   1:500 - 1:2000IF   1:50 - 1:200

Images

Western blot analysis of extracts of various cell lines, using RPL14 antibody.

Immunofluorescence analysis of MCF7 cells using RPL14 antibody.

Background

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L14E family of ribosomal proteins. It contains a basic region-leucine zipper (bZIP)-like domain. The protein is located in the cytoplasm. This gene contains a trinucleotide (GCT) repeat tract whose length is highly polymorphic; these triplet repeats result in a stretch of alanine residues in the encoded protein. Transcript variants utilizing alternative polyA signals and alternative 5'-terminal exons exist but all encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Note: This product is for in vitro research use only